



FEMA



Prepared by
Jennifer McNatt

FEMA Region 6 Weather Threat Briefing

Friday April 24, 2020

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.



NWSSouthern

www.weather.gov/srh



- **Enhanced risk of severe storms over SE OK, SW AR, NE TX and NW LA this afternoon and evening; very large hail, locally damaging winds and a couple of tornadoes possible.**
- **Heavy rain/flash flooding possible over E OK and W AR.**
- **May see some isolated heavy rain and strong to severe storms on Tuesday over E OK, AR, NE TX & N LA.**

FEMA Region 6 Threat Matrix

Apr 24, 2020 - Apr 28, 2020



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DAY / THREAT	Fri	Sat	Sun	Mon	Tue
Severe Storms	SE OK, SW AR, NETX, NW LA				E OK, AR, NETX, N LA
	E OK, AR, ETX				
Heavy Rain / Flash Flooding	E OK, W AR				E OK, AR, NETX, N LA
	NETX, NW LA, AR				
Fire Weather	S NM, WTX				
Tropical Weather					
Winter Weather					
River Flooding	MS River	MS River	MS River	MS River	MS River
	AR/LA/ETX	AR/LA/ETX	AR/LA/ETX	AR/LA/ETX	AR/LA/ETX

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

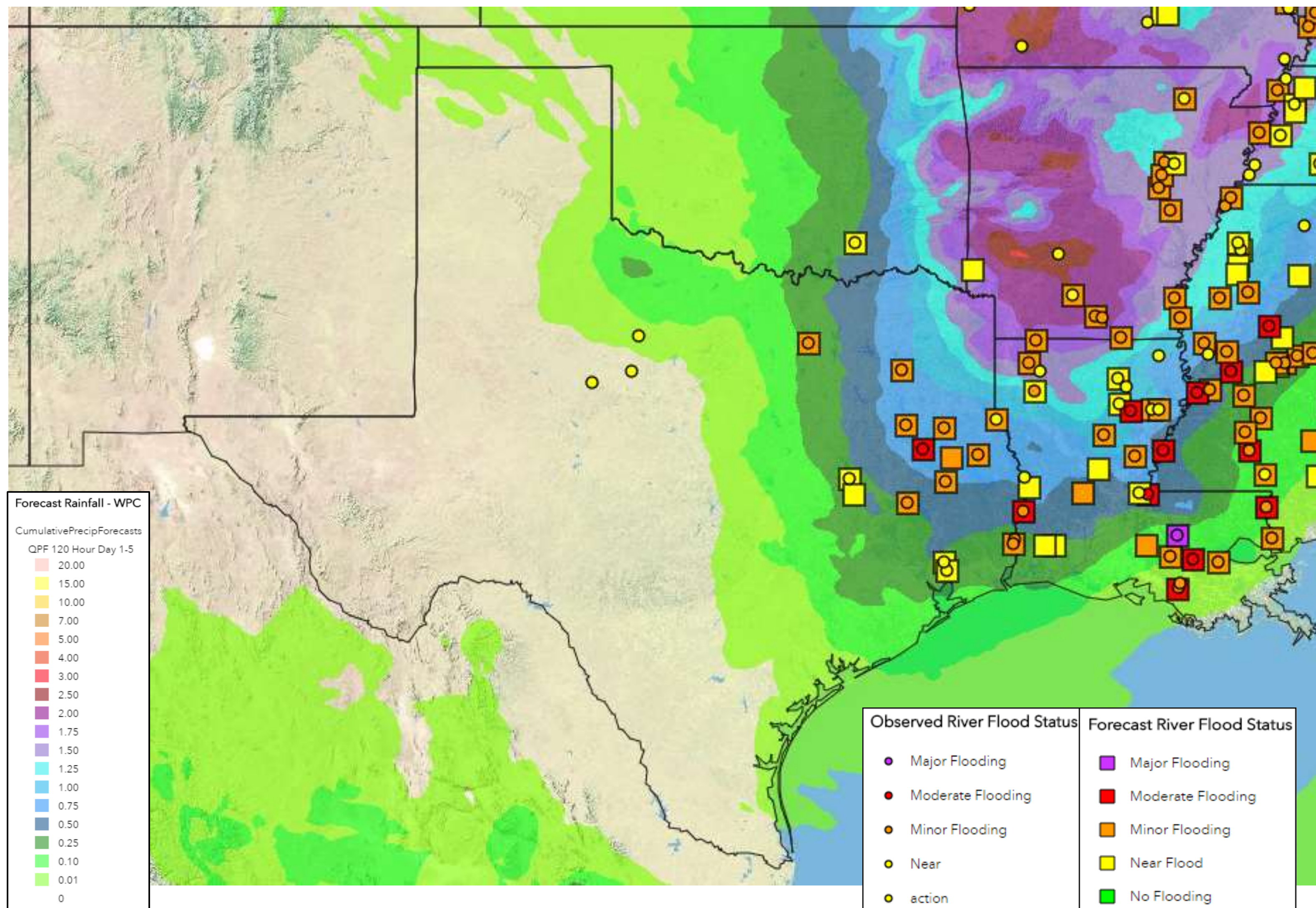
For more details on the colors in the threat matrix refer to the last slide in this briefing.

5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



Moderate flooding continues south of Vicksburg on the MS River. Points will continue to recede, outside of Baton Rouge that will remain at major flood stage through early May, with impacts mainly to agriculture and navigation.

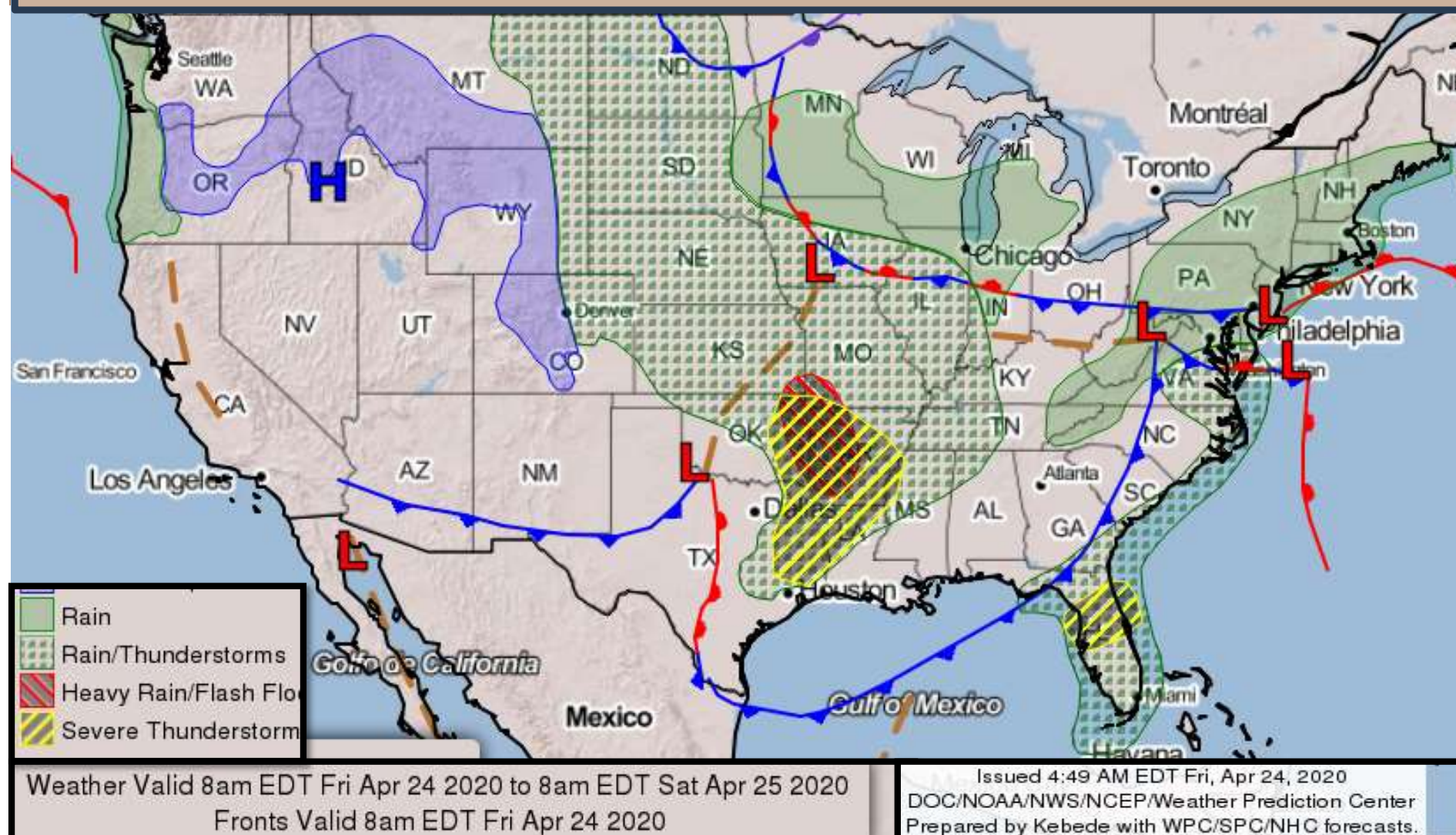
- **The Bonnet Carré Floodway continues to operate and cresting conditions will continue at New Orleans, LA and Reserve, LA until the floodway is no longer operating. The USACE will continue to make reductions as the flow falls over the next week.**
- **The Atchafalaya River at Morgan City, LA will maintain moderate flood stage through next week. Some flooding of buildings possible.**

The Neches River near Alto will remain in moderate flood stage through Sunday. Impacts at the current level are to a wooded floodplain, boat ramps and picnic areas.

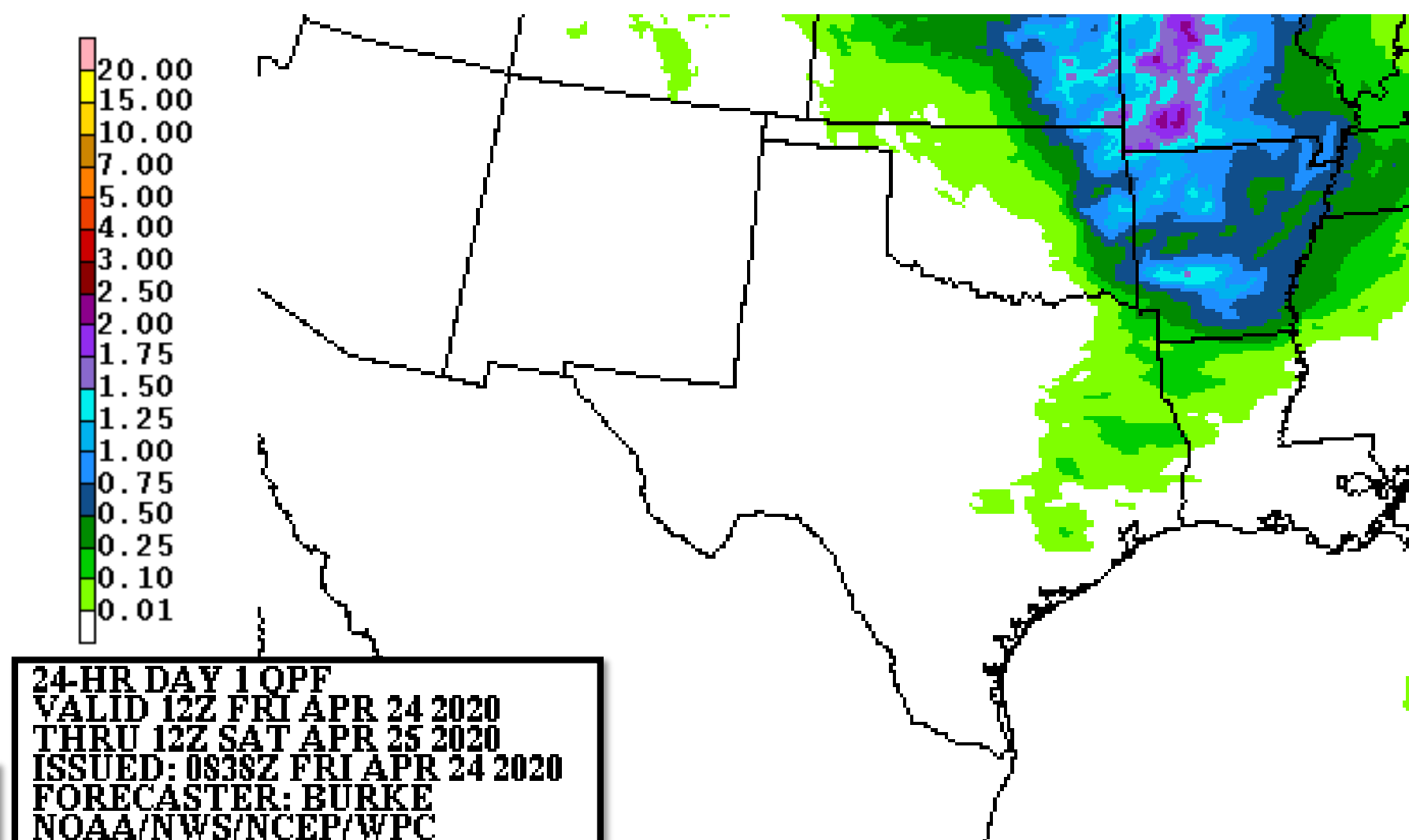
Rainfall shown over AR to the left is expected today (with minimal river impacts) and next Tuesday. May see a few points rise into minor flood stage next week, will continue to monitor.

Today's Weather

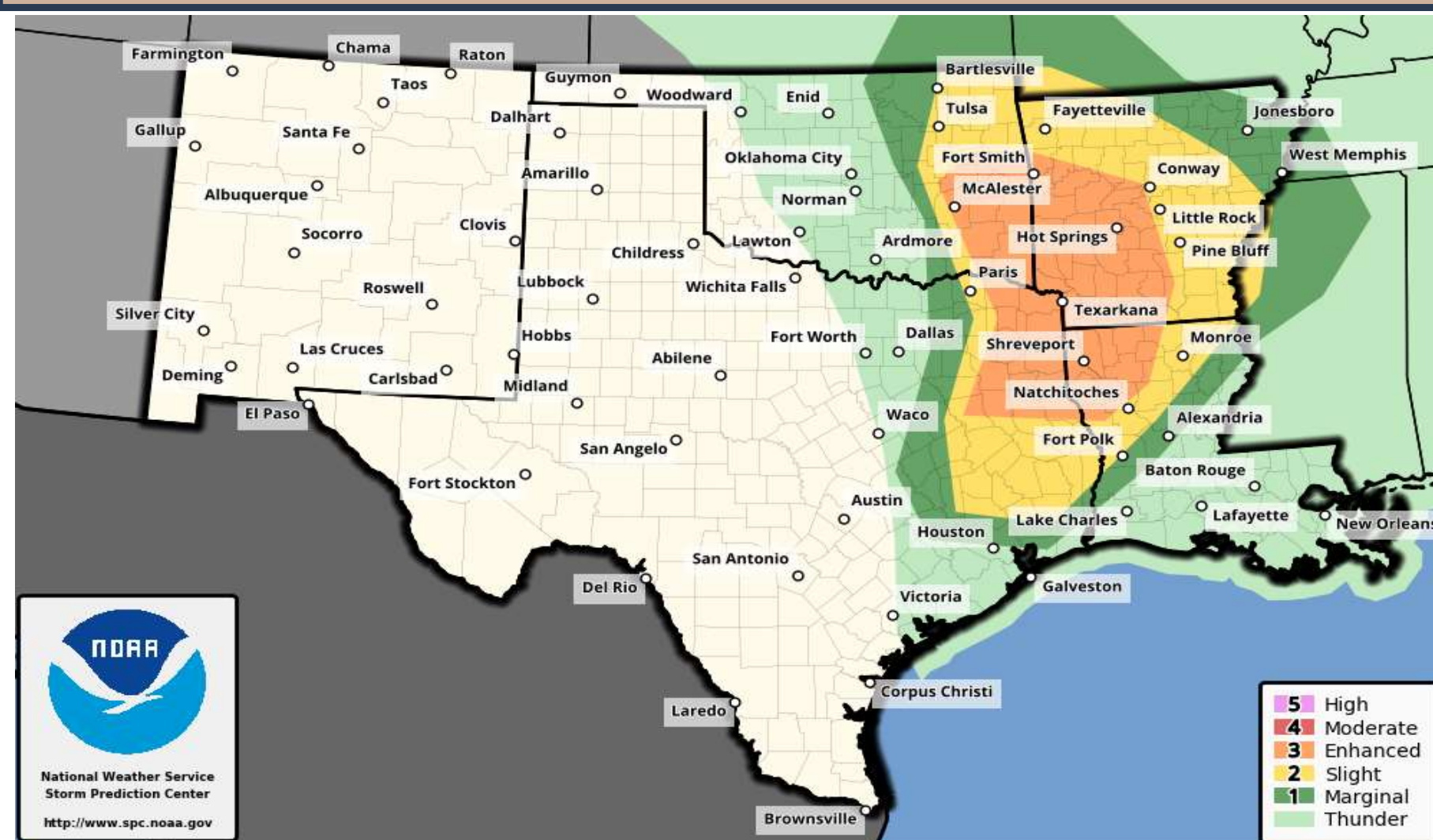
Forecast Chart



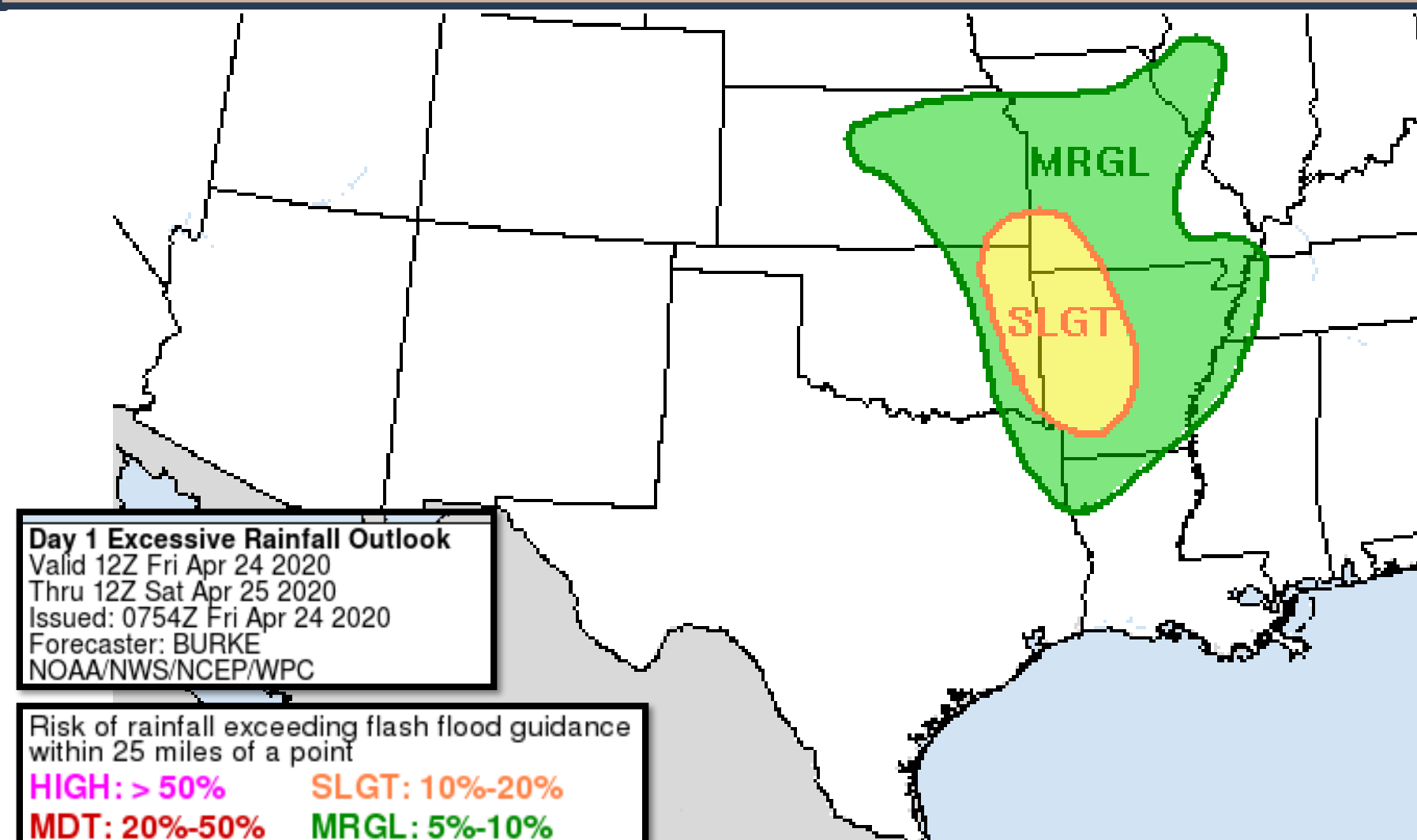
Forecast Rainfall



Severe Weather Outlook



Excessive Rainfall Outlook



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Enhanced risk of severe storms over SE OK, SW AR, NE TX and NW LA this afternoon and evening; very large hail, locally damaging winds and a couple of tornadoes possible.

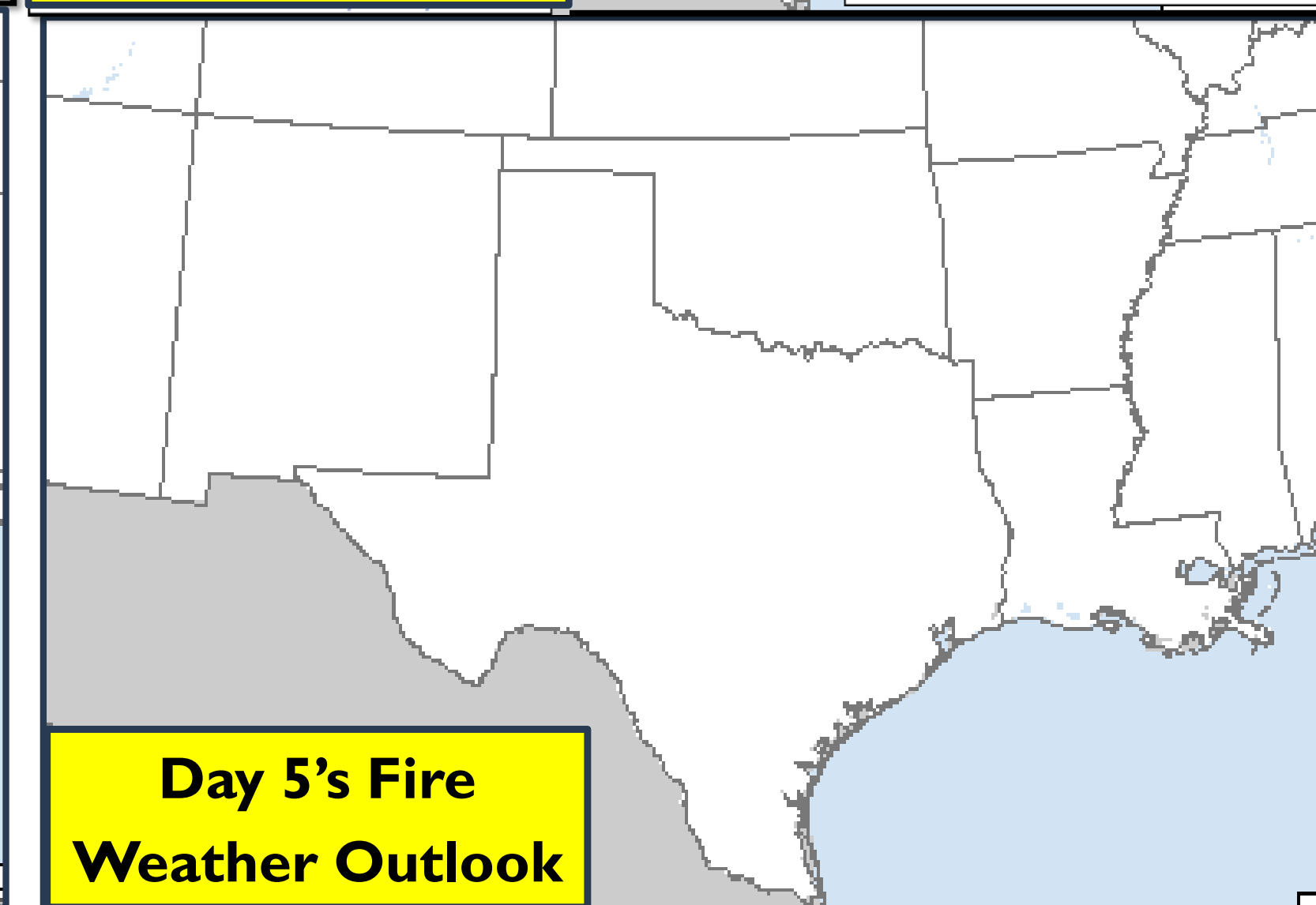
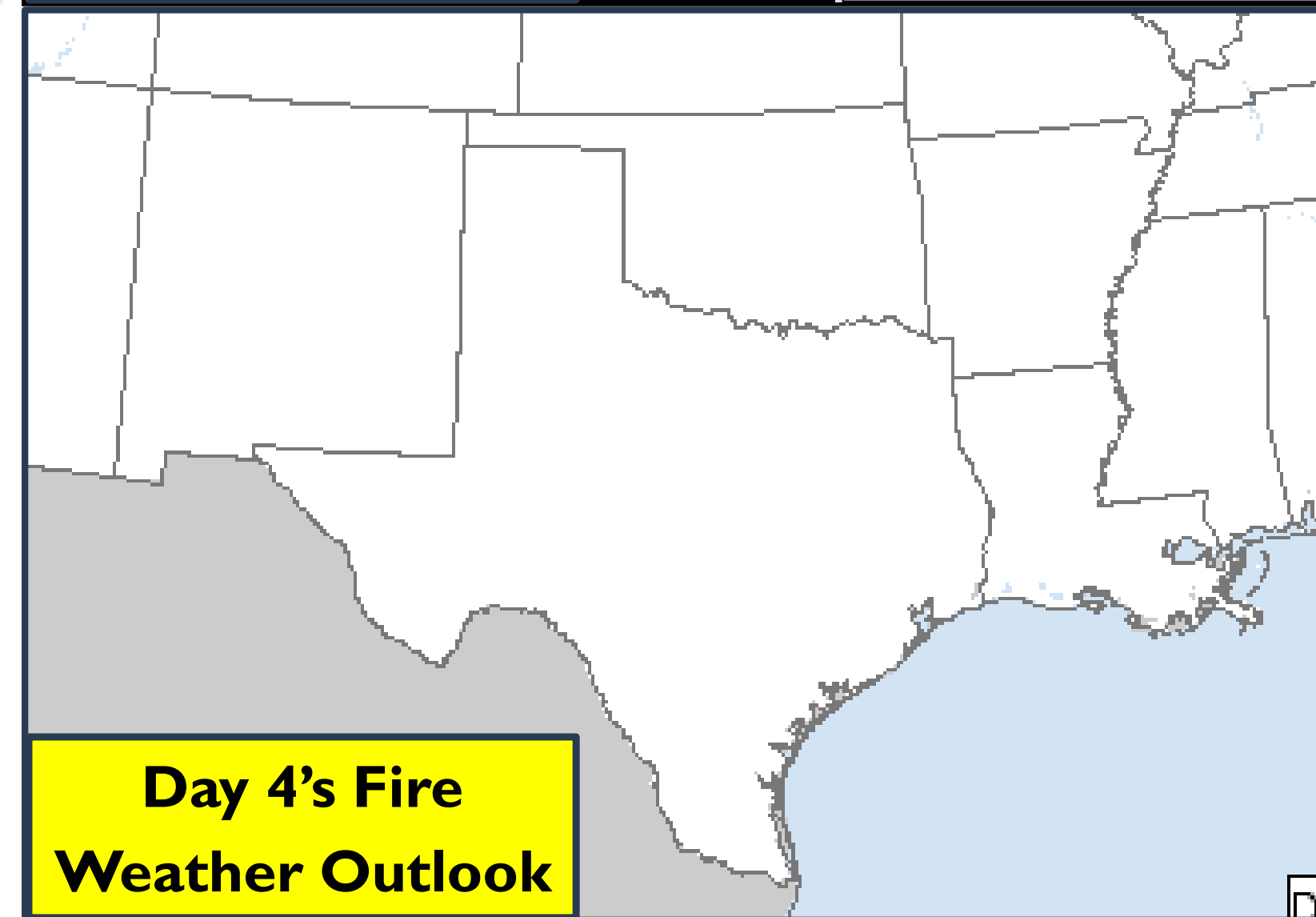
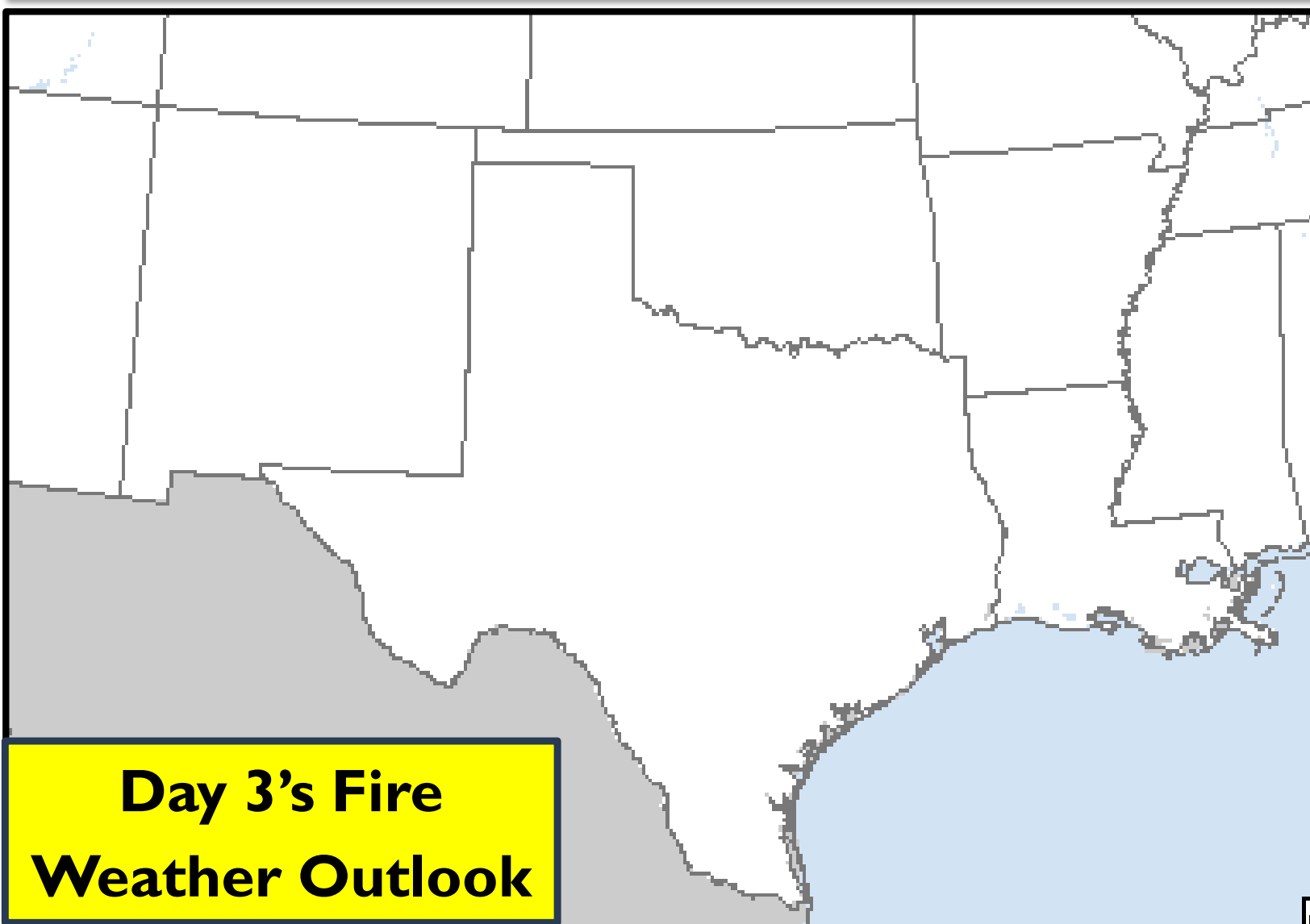
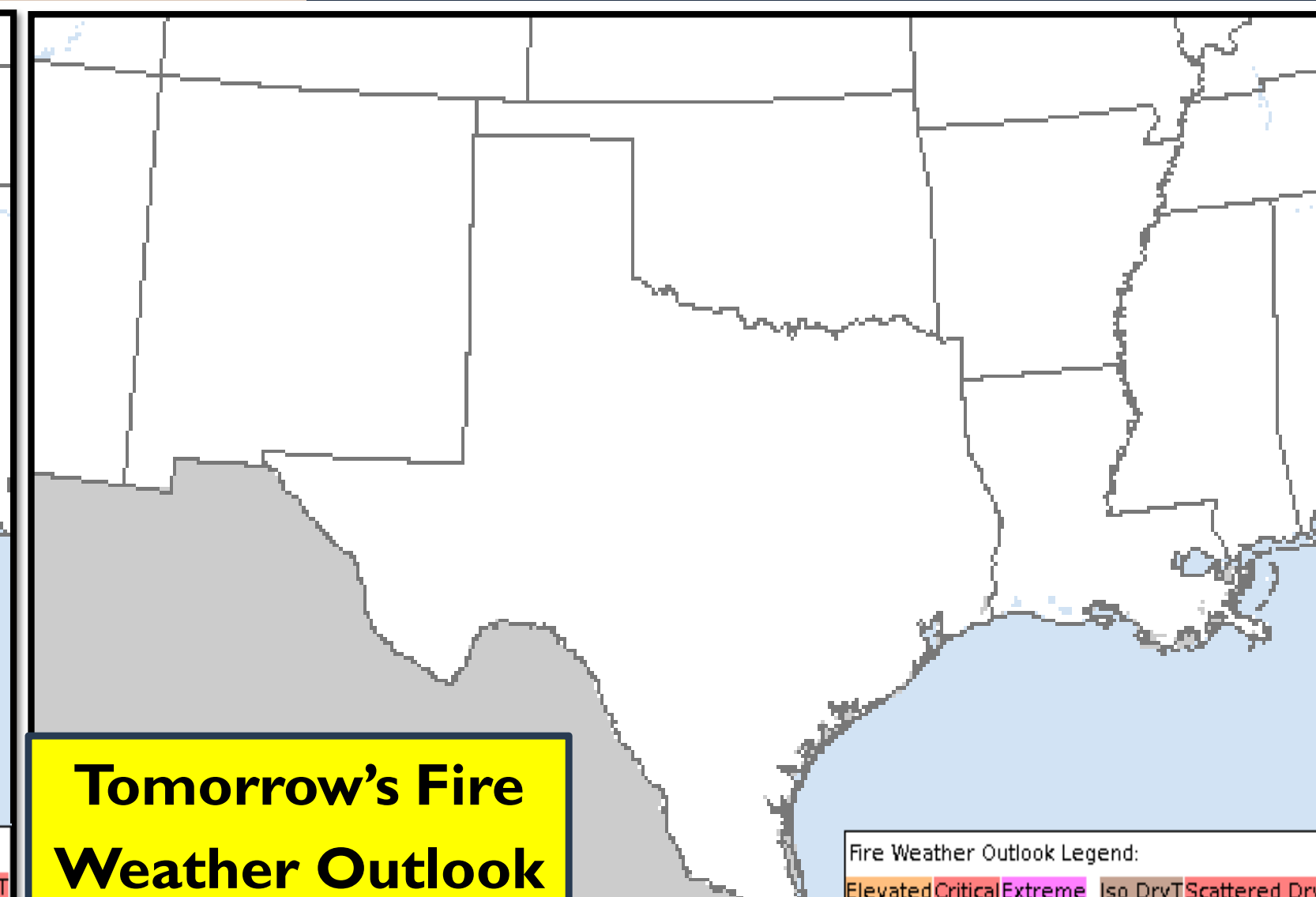
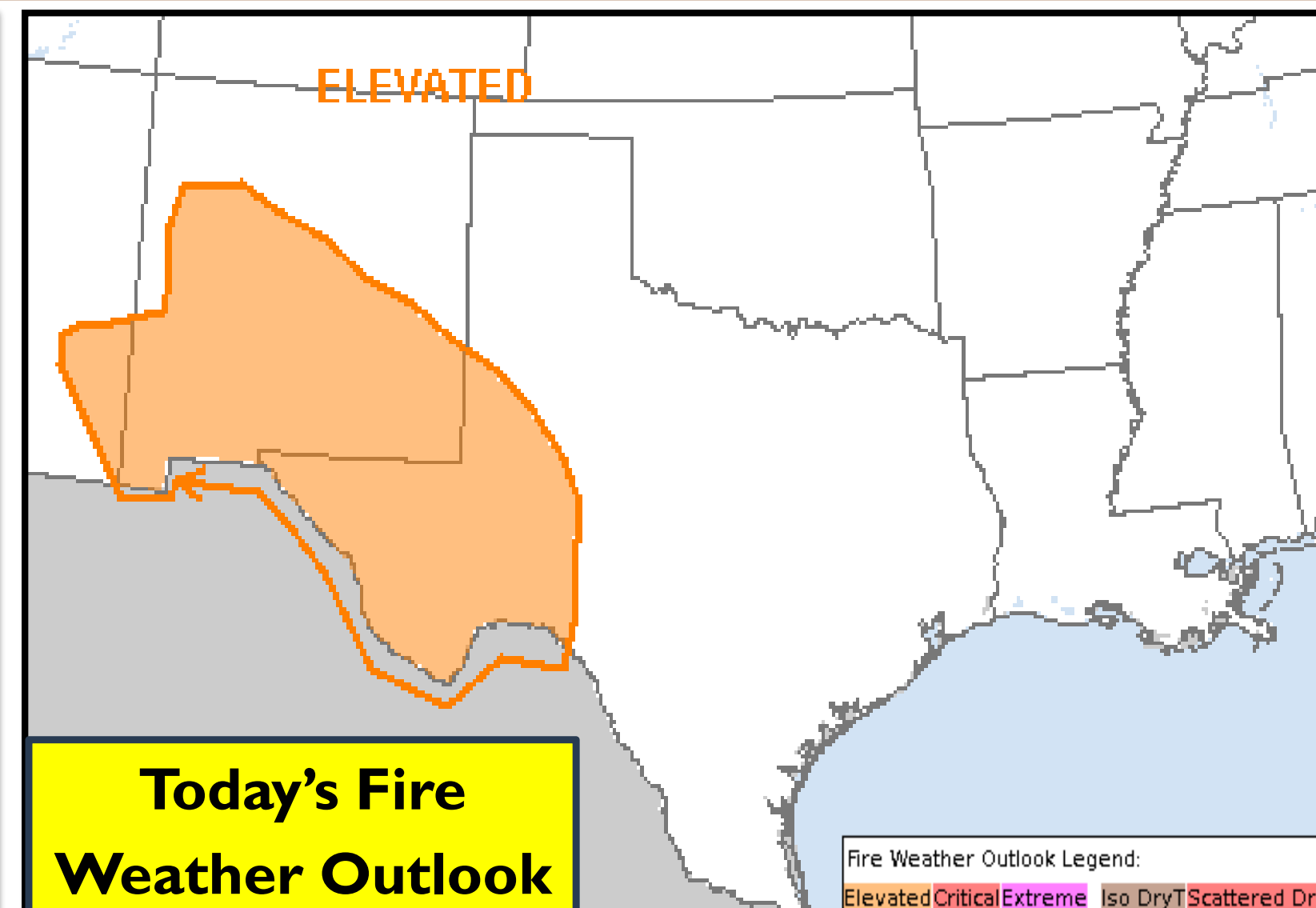
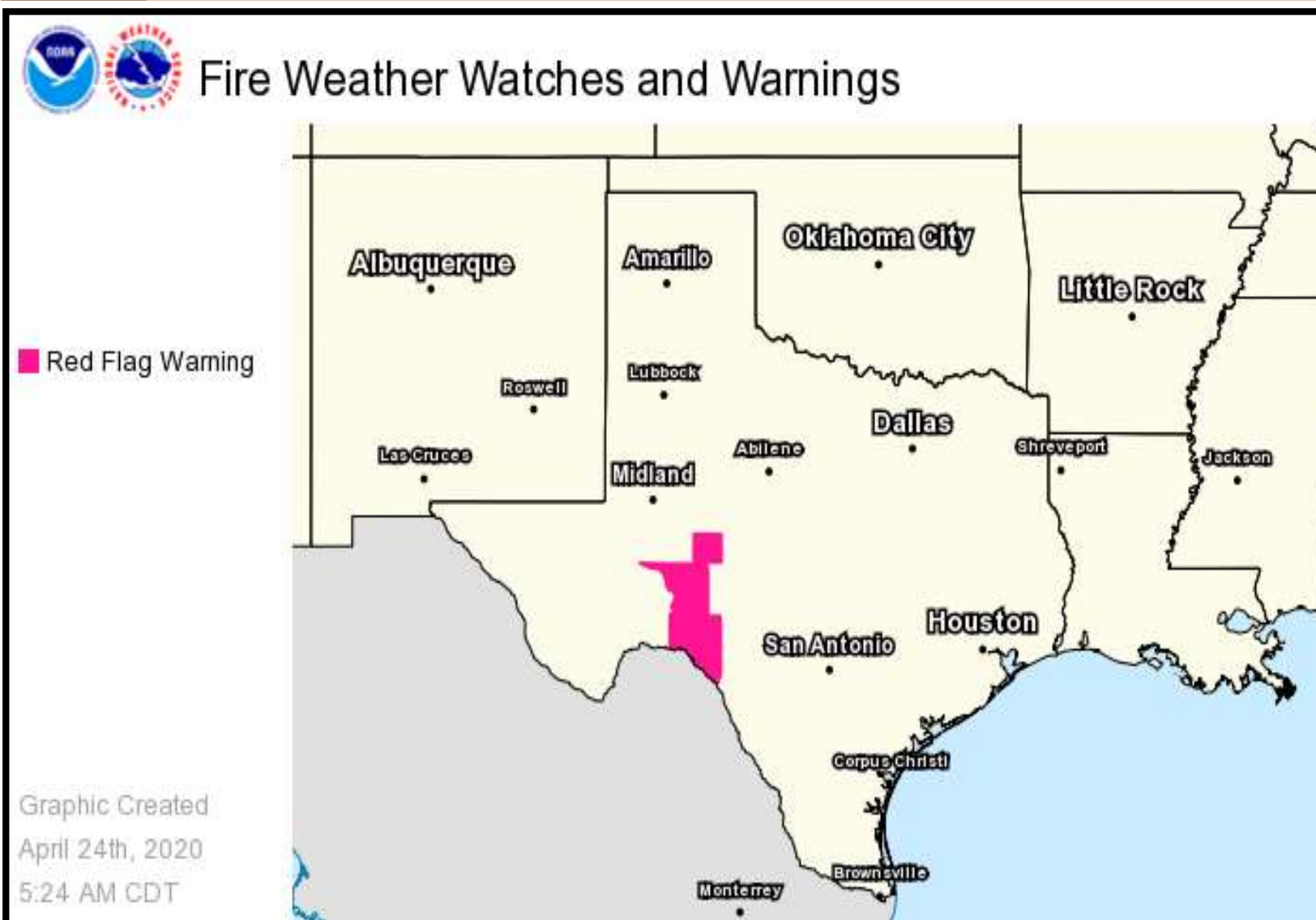
Slight risk of severe storms extends into all of E AR, most of AR, E TX and NW LA.

Heavy rain/flash flooding possible over E OK and W AR.

Fire Weather Outlooks



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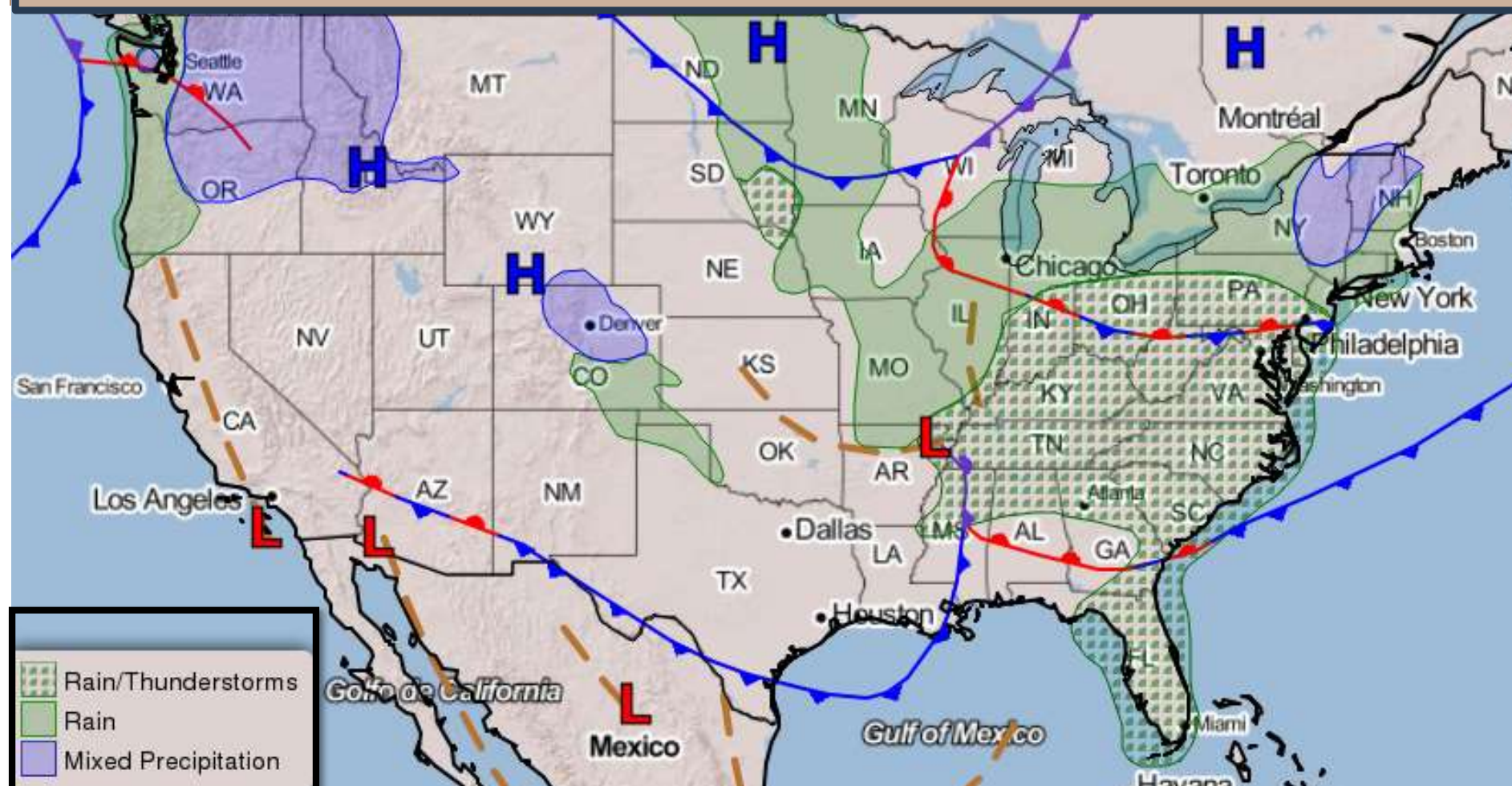


Tomorrow's Weather



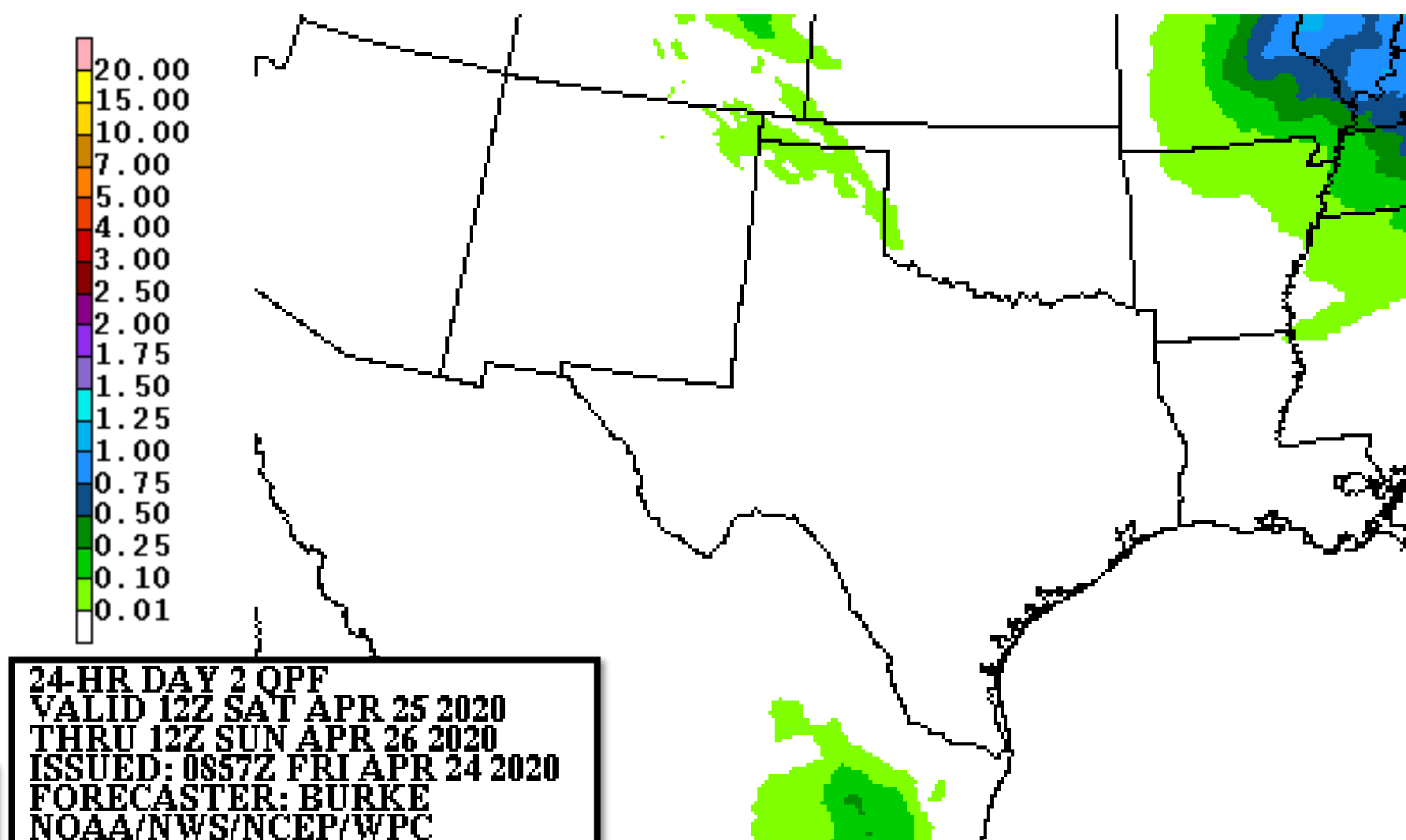
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Forecast Chart



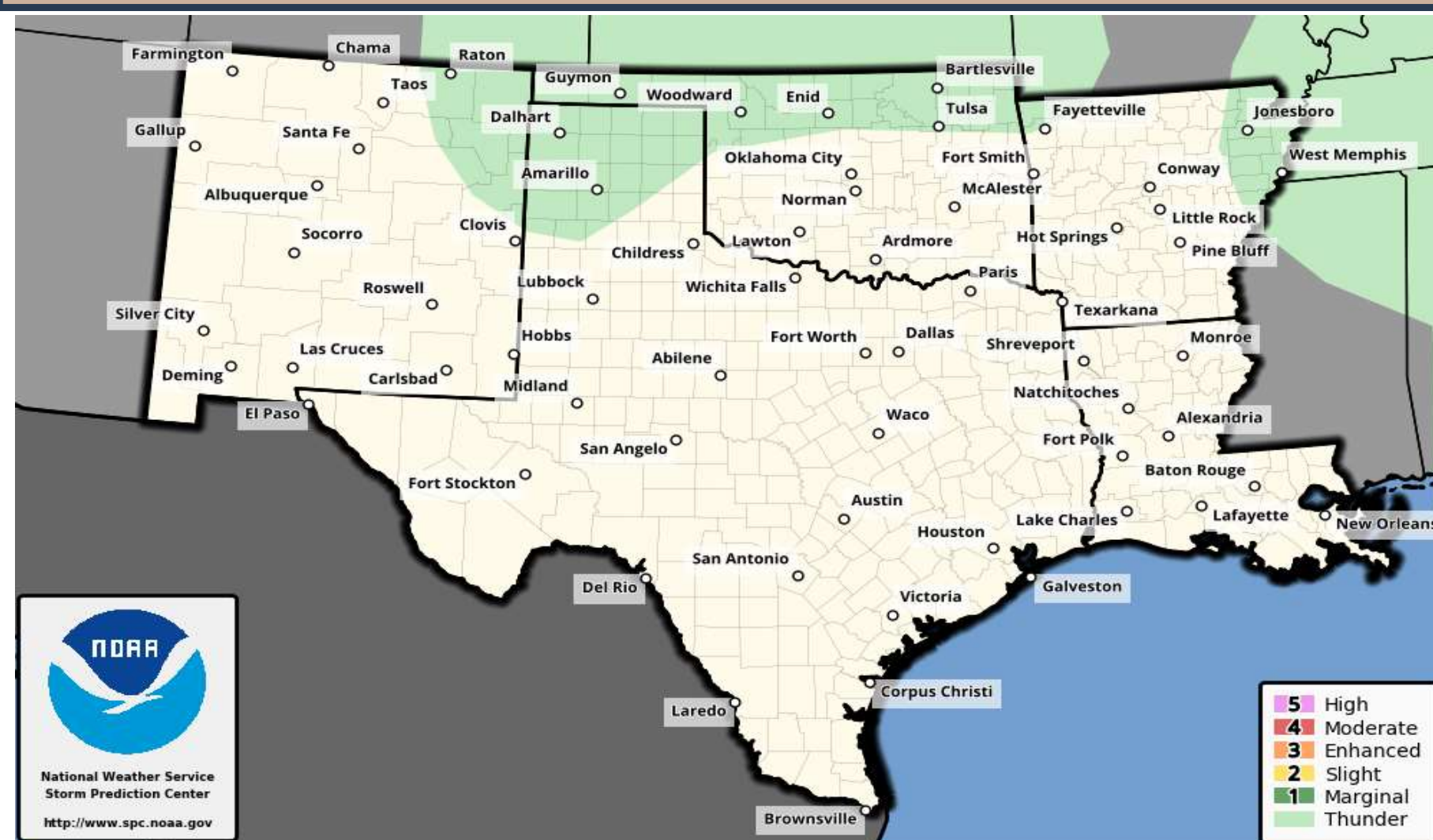
Weather Valid 8am EDT Sat Apr 25 2020 to 8am EDT Sun Apr 26 2020
Fronts Valid 8am EDT Sat Apr 25 2020
Issued 4:55 AM EDT Fri, Apr 24, 2020
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Kebede with WPC/SPC/NHC forecasts.

Forecast Rainfall

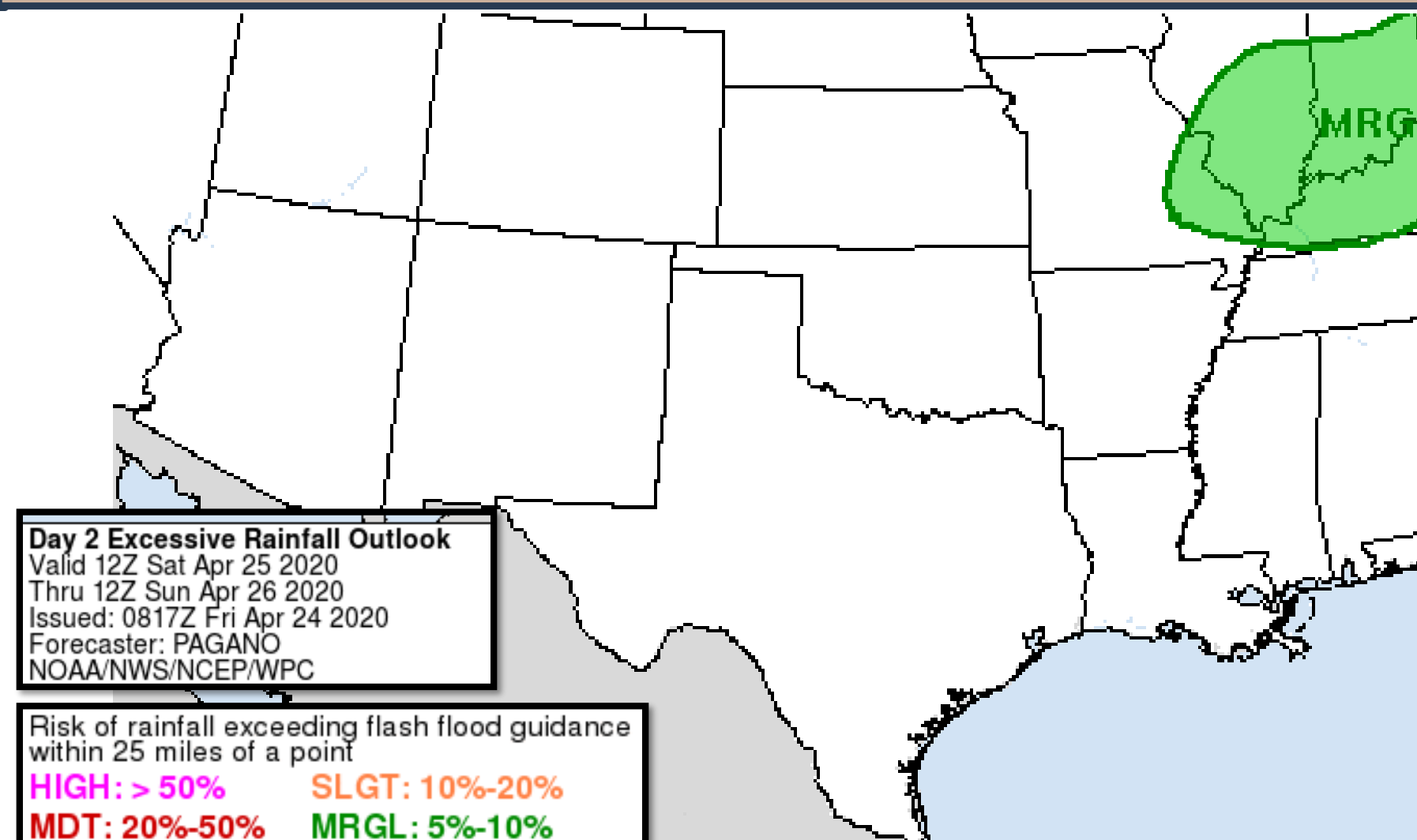


**No significant weather
expected.**

Severe Weather Outlook

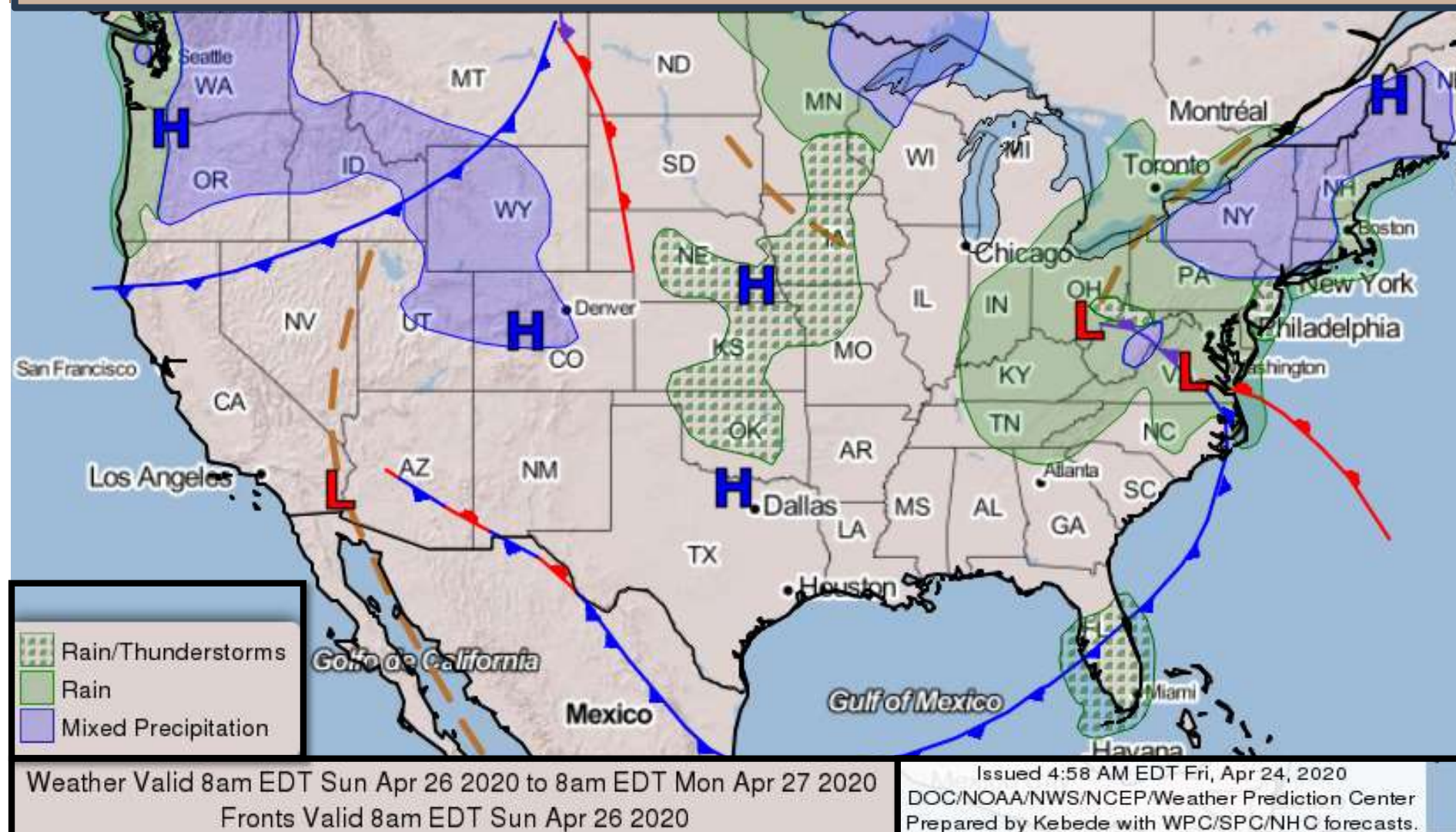


Excessive Rainfall Outlook

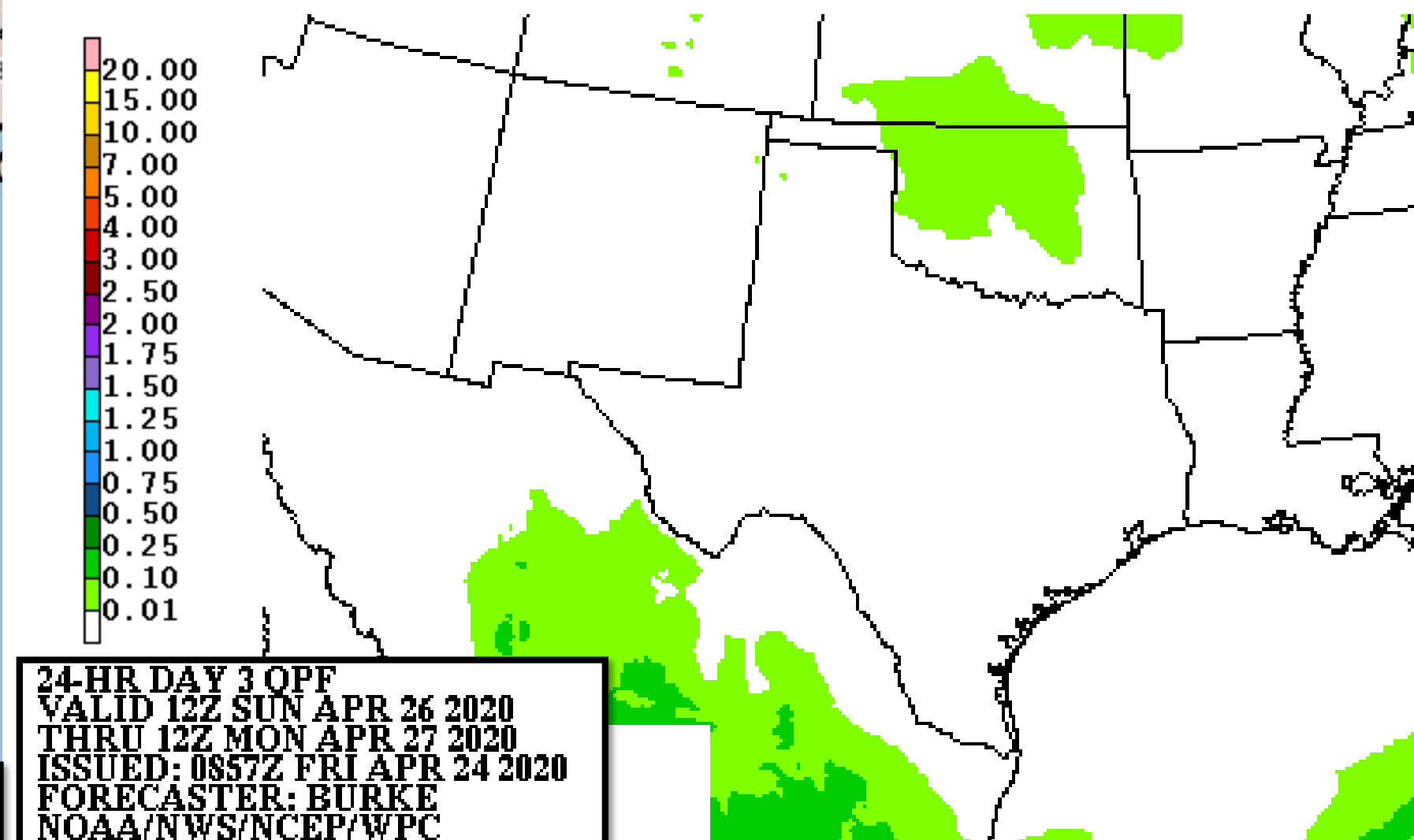


Sunday's Weather

Forecast Chart



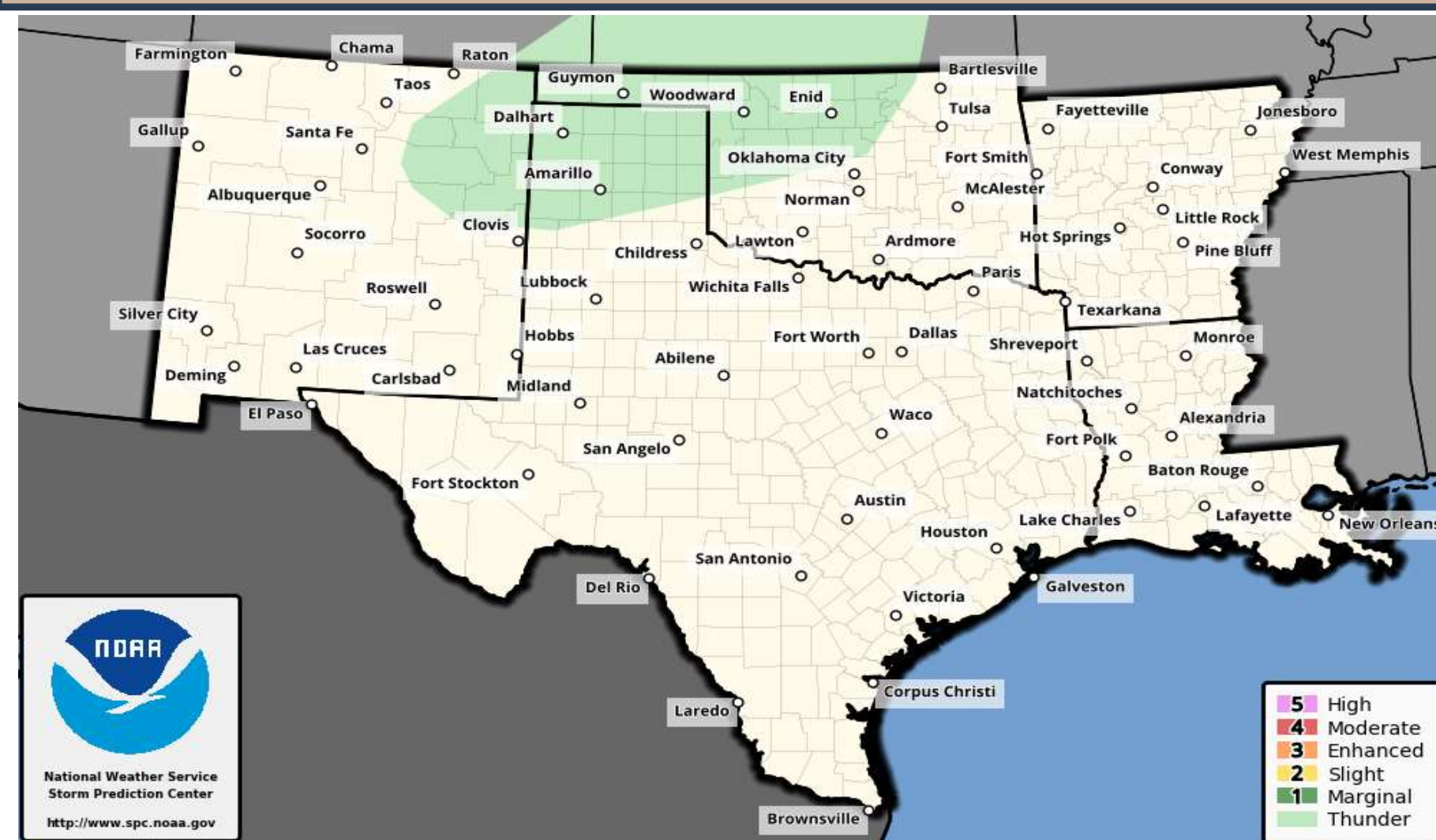
Forecast Rainfall



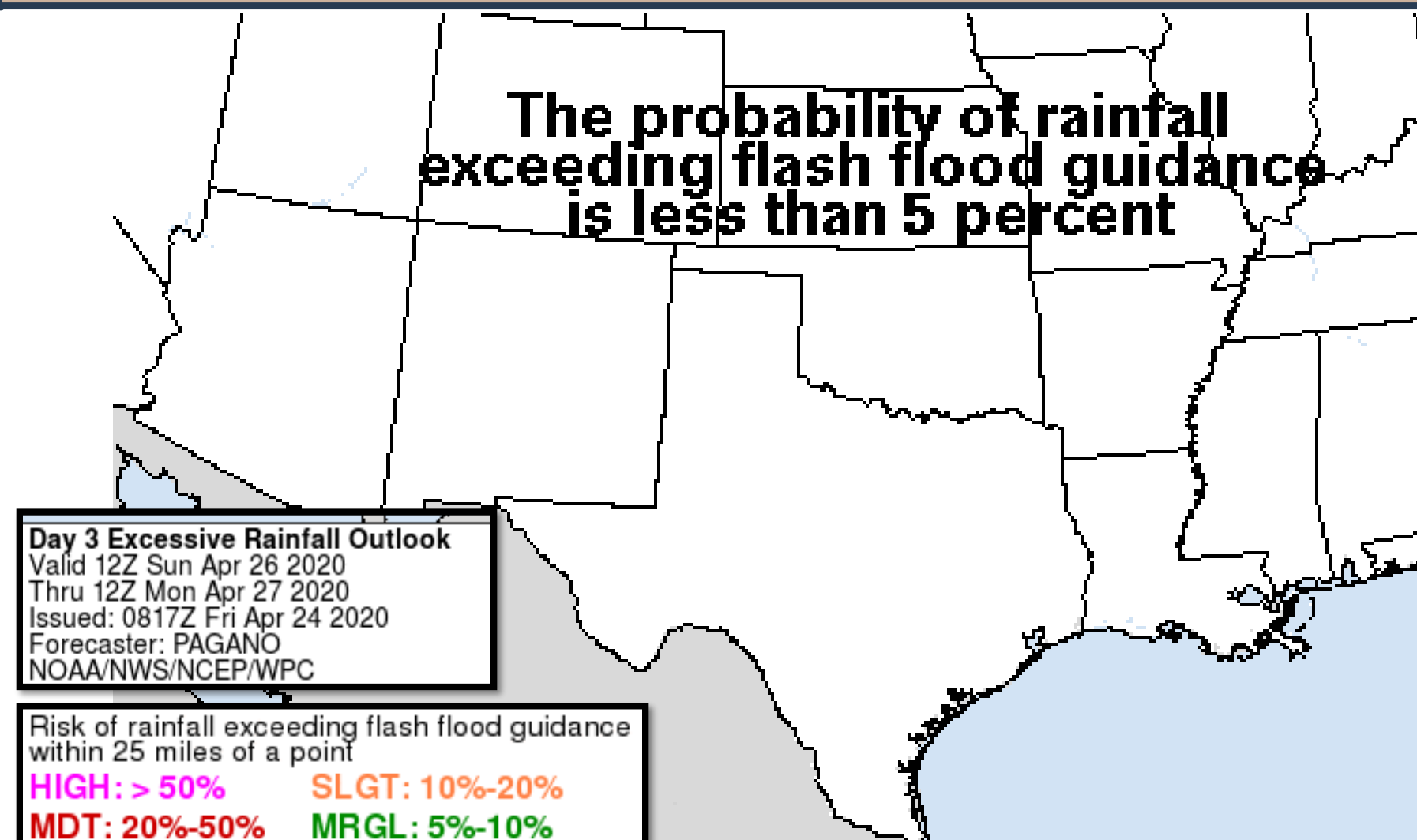
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No significant weather
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Severe Weather Outlook



Excessive Rainfall Outlook



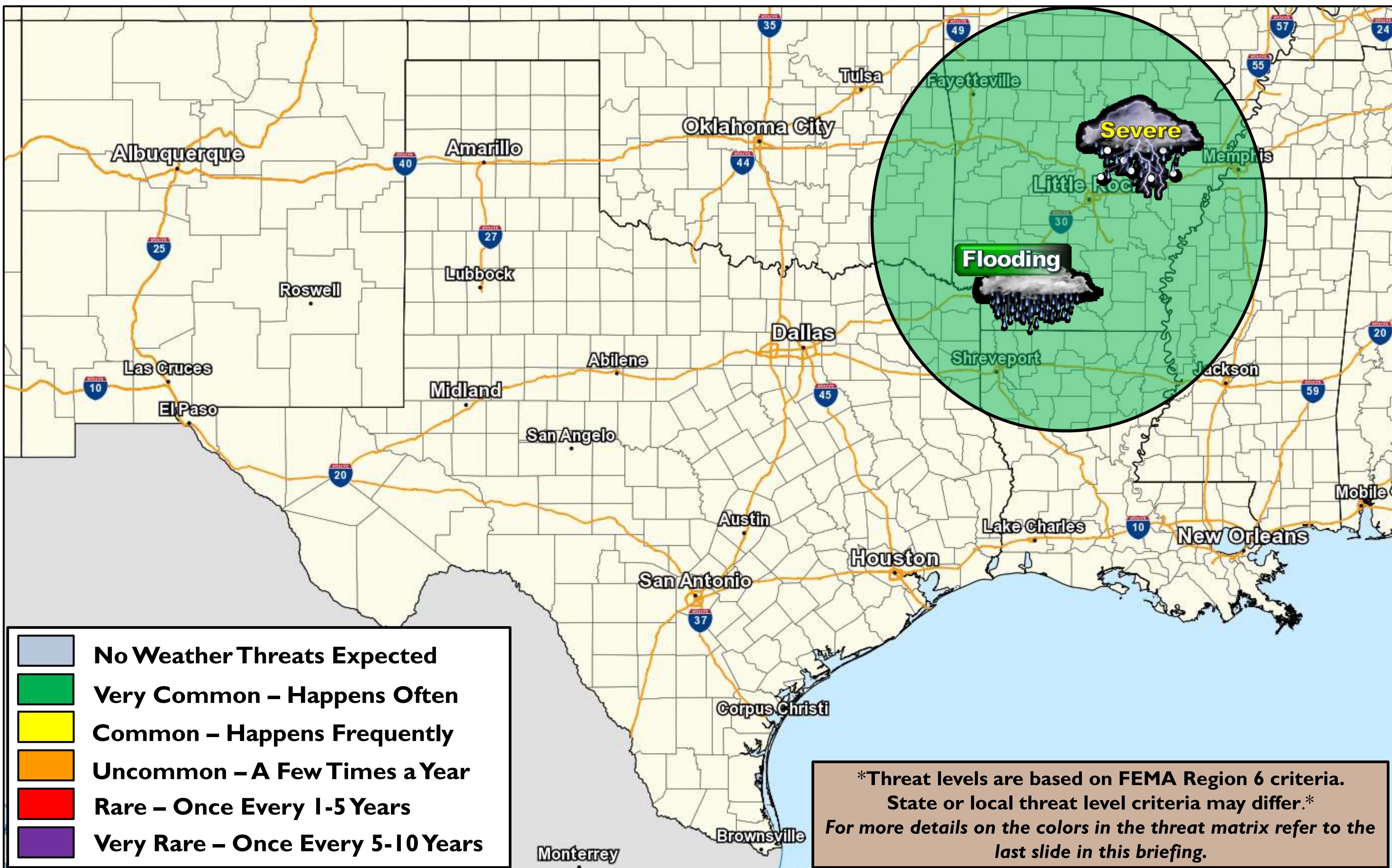
Days 4-5 Weather Hazards

Monday - Tuesday



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May see some isolated heavy rain and strong to severe storms on Tuesday.



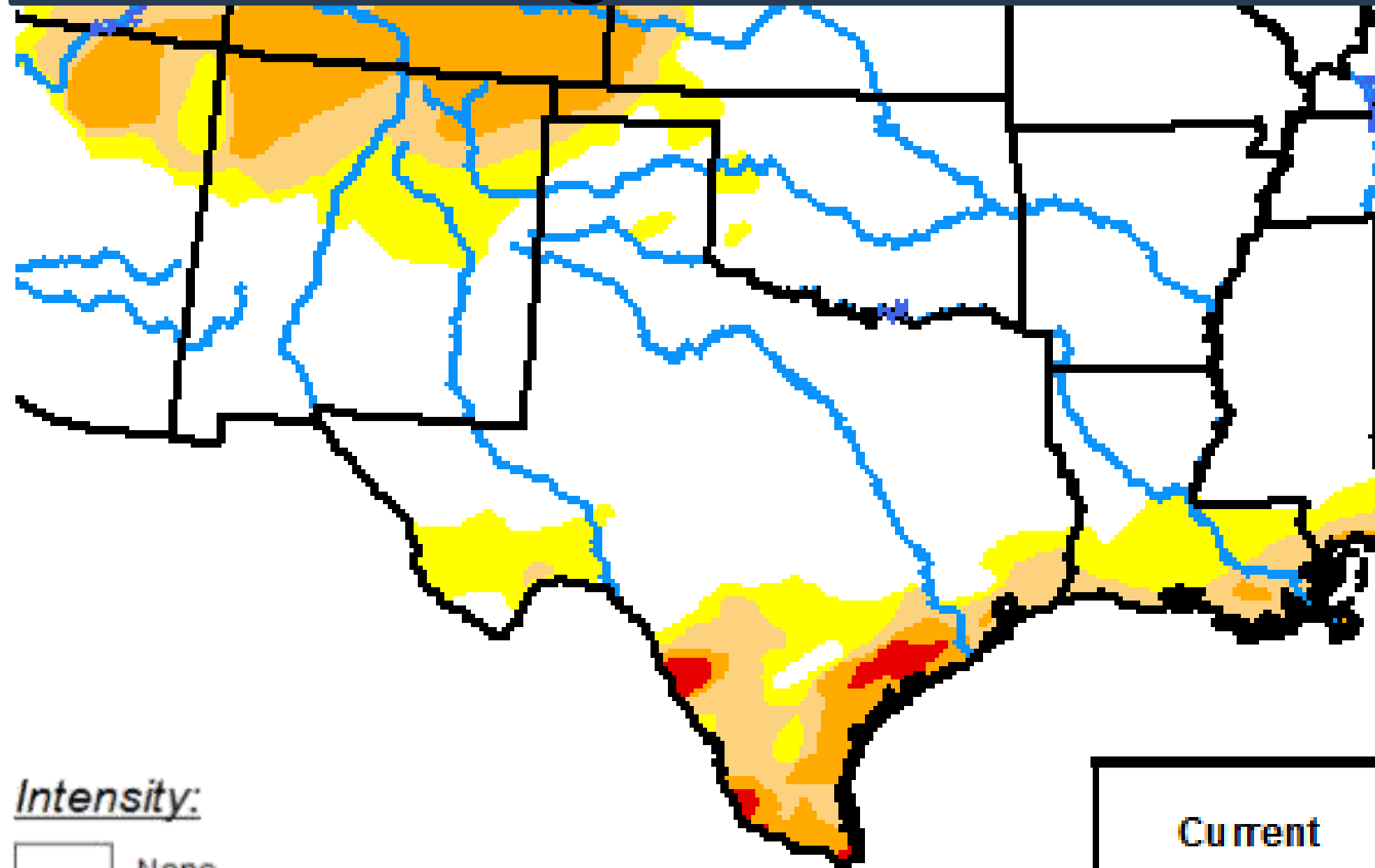
Drought Monitor (Released Apr 23, 2020)



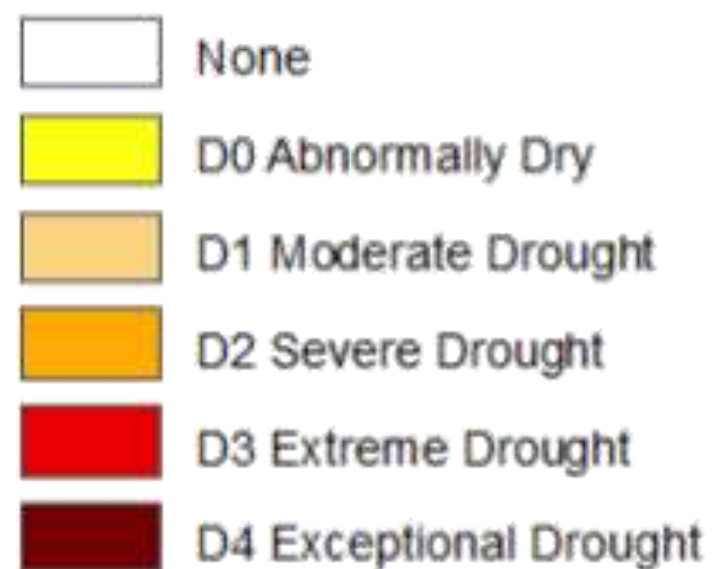
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Data valid as of 8 am ET on Tuesday, April 21, 2020

Drought Monitor

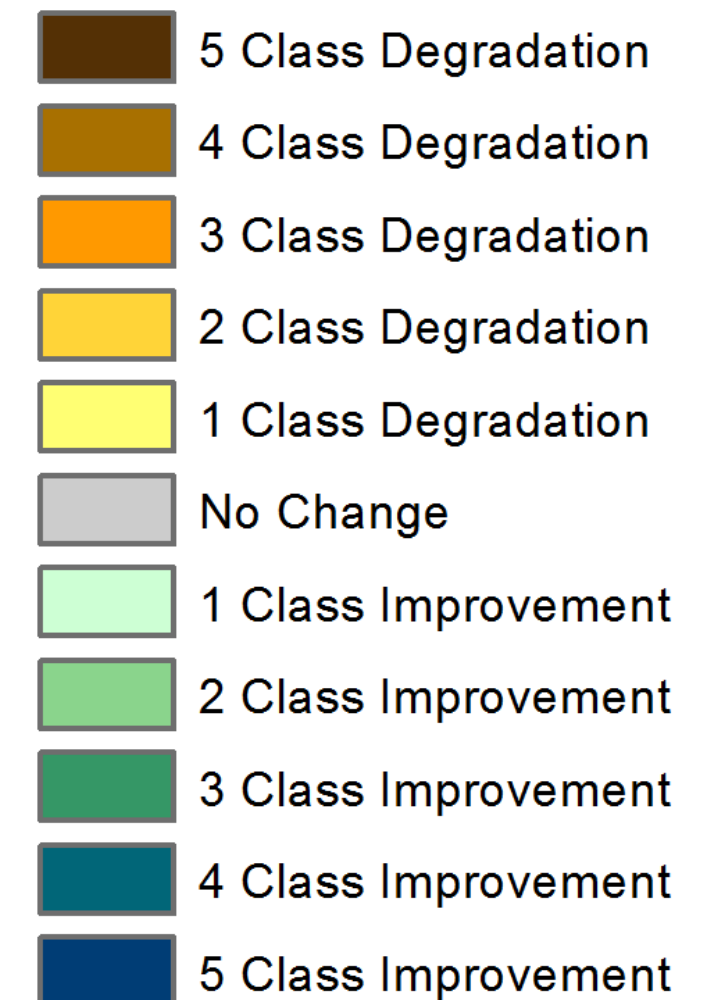
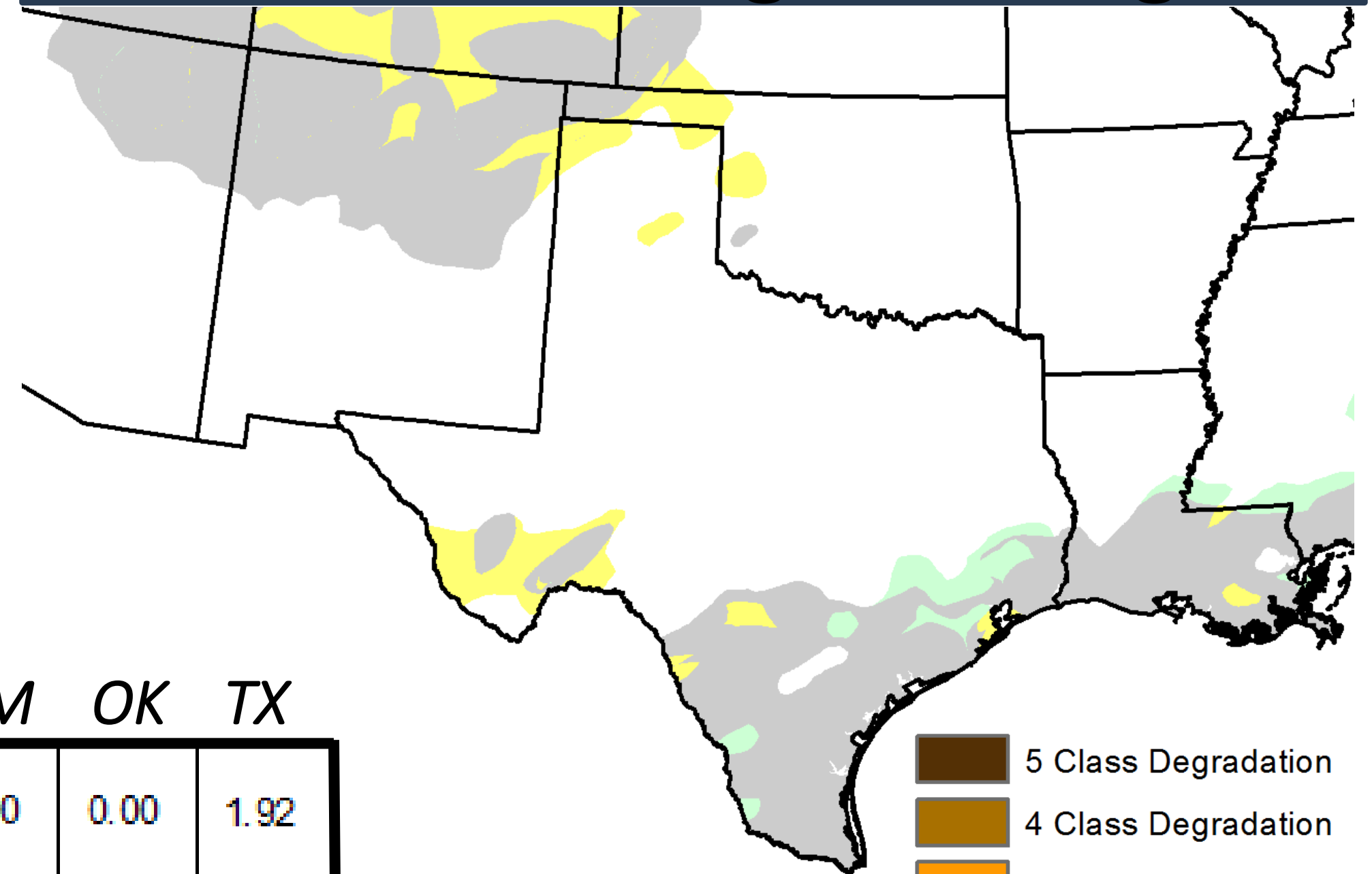


Intensity:



The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

One Week Change in Drought



	AR	LA	NM	OK	TX
Current	0.00	0.00	0.00	0.00	1.92
Last Week 04-14-2020	0.00	0.00	0.00	0.00	1.80
3 Months Ago 01-21-2020	0.00	0.00	0.00	0.00	0.79
One Year Ago 04-23-2019	0.00	0.00	0.00	0.00	0.00

Drought Conditions (Percent Area)

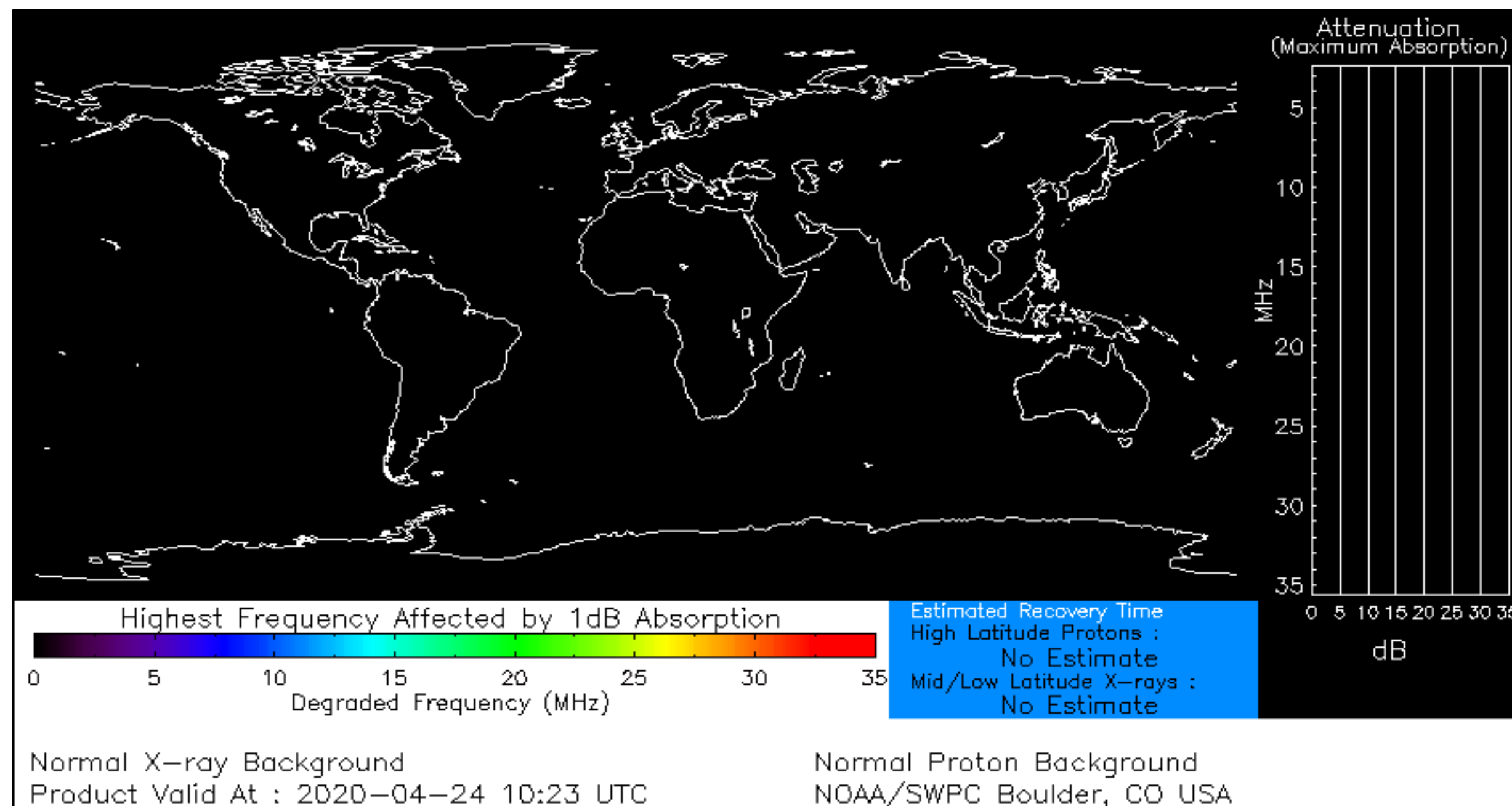
D3-D4 (Extreme to Exceptional Drought)

Space Weather 3-Day Forecast



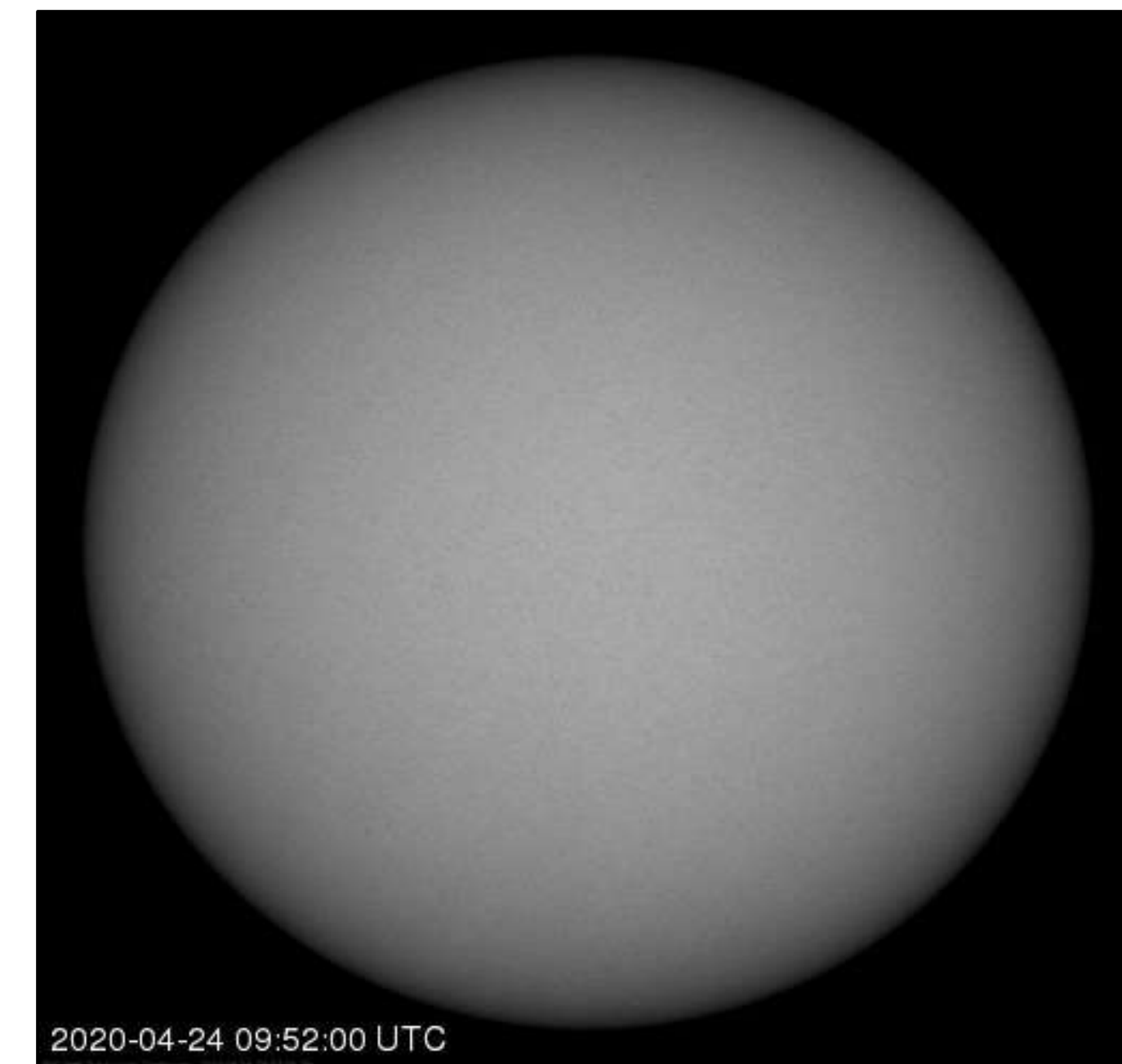
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	Friday	Saturday	Sunday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a
Description of the Space
Weather Storm Scales](#)

[Click here for the Latest
3-Day Space Weather
Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov